



SEQUENCE LISTING

<110> Lindquist, Susan L.
Outeiro, Tiago

<120> YEAST ECTOPICALLY EXPRESSING ABNORMALLY
PROCESSED PROTEINS AND USES THEREFOR

<130> 17481-003001

<140> US 10/826,157

<141> 2004-04-16

<150> US 60/472,317

<151> 2003-05-20

<150> US 60/463,284

<151> 2003-04-16

<160> 8

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 423

<212> DNA

<213> Homo sapiens

<400> 1

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ggctccaaaa	ccaaggaggg	agtggtgcat	ggtgtggcaa	cagtggctga	gaagaccaaa	180
gagcaagtga	caaattttgg	aggagcagtg	gtgacgggtg	tgacagcagt	agcccagaag	240
acagtggagg	gagcagggag	cattgcagca	gccactggct	ttgtcaaaaaa	ggaccagttg	300
ggcaagaatg	aagaaggagc	cccacagggaa	ggaattctgg	aagatatgcc	tgtggatcct	360
gacaatgagg	cttatgaaat	gccttctgag	gaagggtatc	aagactacga	acctgaagcc	420
taa						423

<210> 2

<211> 140

<212> PRT

<213> Homo sapiens

<400> 2

Met	Asp	Val	Phe	Met	Lys	Gly	Leu	Ser	Lys	Ala	Lys	Glu	Gly	Val	Val
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Ala	Ala	Ala	Glu	Lys	Thr	Lys	Gln	Gly	Val	Ala	Glu	Ala	Gly	Lys	
				20					25				30		

Thr	Lys	Glu	Gly	Val	Leu	Tyr	Val	Gly	Ser	Lys	Thr	Lys	Glu	Gly	Val
	35				40				45						

Val	His	Gly	Val	Ala	Thr	Val	Ala	Glu	Lys	Thr	Lys	Glu	Gln	Val	Thr
50					55				60						

Asn	Val	Gly	Gly	Ala	Val	Val	Thr	Gly	Val	Thr	Ala	Val	Ala	Gln	Lys
65					70				75					80	

Thr	Val	Glu	Gly	Ala	Gly	Ser	Ile	Ala	Ala	Thr	Gly	Phe	Val	Lys	
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--

85	90	95
Lys Asp Gln Leu Gly Lys Asn Glu Glu Gly Ala Pro Gln Glu Gly Ile		
100	105	110
Leu Glu Asp Met Pro Val Asp Pro Asp Asn Glu Ala Tyr Glu Met Pro		
115	120	125
Ser Glu Glu Gly Tyr Gln Asp Tyr Glu Pro Glu Ala		
130	135	140

<210> 3
<211> 405
<212> DNA
<213> Homo sapiens

<400> 3

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gaaagcaaga cccgagaagg ttttttttttttccatcaa ggtgtggctt cagtggctga aaaaaccaag	180
gaacaggcct cacatctggg aggagctgtt ttctctgggg cagggAACAT cgcagcagcc	240
acaggactgg tgaagagggg ggaattccct actgatctga agccagagga aatggcccccag	300
gaagctgctg aagaaccact gattgagccc ctgatggagc cagaaggggg gagtttatgag	360
gaccaccccc aggaggaata tcaggagtagt gagccagagg cgtat	405

<210> 4
<211> 134
<212> PRT
<213> Homo sapiens

<400> 4

Met Asp Val Phe Met Lys Gly Leu Ser Met Ala Lys Glu Gly Val Val	
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Ala Ala Ala Glu Lys Thr Lys Gln Gly Val Thr Glu Ala Ala Glu Lys	
20 25 30	
Thr Lys Glu Gly Val Leu Tyr Val Gly Ser Lys Thr Arg Glu Gly Val	
35 40 45	
Val Gln Gly Val Ala Ser Val Ala Glu Lys Thr Lys Glu Gln Ala Ser	
50 55 60	
His Leu Gly Gly Ala Val Phe Ser Gly Ala Gly Asn Ile Ala Ala Ala	
65 70 75 80	
Thr Gly Leu Val Lys Arg Glu Glu Phe Pro Thr Asp Leu Lys Pro Glu	
85 90 95	
Glu Val Ala Gln Glu Ala Ala Glu Glu Pro Leu Ile Glu Pro Leu Met	
100 105 110	
Glu Pro Glu Gly Glu Ser Tyr Glu Asp Pro Pro Gln Glu Glu Tyr Gln	
115 120 125	
Glu Tyr Glu Pro Glu Ala	
130	

<210> 5
<211> 384
<212> DNA
<213> Homo sapiens

<400> 5

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aagaccaagc aaaaaaaaaaaaaa cgggggtgac ggaaggcagct gagaagacca aggaggggggt catgtatgtc	120
ggagccaaaga ccaaggagaa ttttttttttttccatcaa agcgtgacccat cagtggccga gaagaccaag	180
gaggcaggcca acgcgggtgag cgaggctgtg gtgagcagcg tcaacactgt ggccaccaag	240

accgtggagg aggcggagaa catcgccggtc acctccgggg tggtgcgcaa ggaggacttg	300
aggccatctg ccccccaaca ggagggtgtg gcatccaaag agaaagagga agtggcagag	360
gaggcccaga gtggggaga ctag	384

<210> 6
<211> 127
<212> PRT
<213> Homo sapiens

<400> 6
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1 5 10 15
Gly Ala Val Glu Lys Thr Lys Gln Gly Val Thr Glu Ala Ala Glu Lys
20 25 30
Thr Lys Glu Gly Val Met Tyr Val Gly Ala Lys Thr Lys Glu Asn Val
35 40 45
Val Gln Ser Val Thr Ser Val Ala Glu Lys Thr Lys Glu Gln Ala Asn
50 55 60
Ala Val Ser Glu Ala Val Val Ser Ser Val Asn Thr Val Ala Thr Lys
65 70 75 80
Thr Val Glu Glu Ala Glu Asn Ile Ala Val Thr Ser Gly Val Val Arg
85 90 95
Lys Glu Asp Leu Arg Pro Ser Ala Pro Gln Gln Glu Gly Val Ala Ser
100 105 110
Lys Glu Lys Glu Glu Val Ala Glu Ala Gln Ser Gly Gly Asp
115 120 125

<210> 7
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> primer

<400> 7
ggactagtat ggatgtattc atgaaaagg 28

<210> 8
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> primer

<400> 8
gggaaagctt ttattaggct tcaggttcgt agtc 34